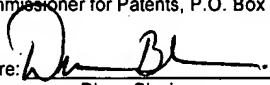


I hereby certify that this paper (along with any paper referred to as being attached or enclosed) is being deposited with the U.S. Postal Service as Express Mail Airbill No. EV 881237151 US, on the date shown below in an envelope addressed to: Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Dated: March 23, 2007

Signature:


Diane Blevins

Docket No.: 532212000624
(PATENT)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:
Thomas L. CANTOR et al.

Application No.: 10/760,091

Filed: January 16, 2004

For: METHODS FOR DIFFERENTIATING AND
MONITORING PARATHYROID AND BONE
STATUS RELATED DISEASES

Confirmation No.: 2110

Art Unit: 1641

Examiner: C. Cheu

AMENDMENT IN RESPONSE TO NON-FINAL OFFICE ACTION

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

INTRODUCTORY COMMENTS

This is in response to the non-final Office Action dated October 23, 2006, for which a response is due on January 23, 2007. Filed herewith is a Petition and fee for a two (2) months extension of time, thereby extending the deadline for response to March 23, 2007. Accordingly, this response is timely filed. Reconsideration and allowance of the pending claims, as amended, in light of the remarks presented herein are respectfully requested. Also submitted herewith are the following exhibits:

Exhibit A. A copy of a Declaration of Thomas L. Cantor pursuant to 37 C.F.R. § 1.132 submitted on March 6, 2006 in connection with a co-pending U.S. patent application Serial No. 10/617,489 (Cantor Declaration);

Exhibit B. A copy of a Rebuttal Expert Report of Richard A. Lerner, M.D. with Exhibits 1-7 (Lerner Report) submitted in connection with *Nichols Institute Diagnostics, Inc. v. Scantibodies Clinical Laboratory Inc. and Scantibodies Laboratory, Inc.*, U.S.D.C. for the Southern District of California, Case No. 02 CV 0046 B (LAB);

Exhibit C. Rich et al., *Clinical Immunology Principles and Practice*, Second Ed., Mosby (2001) at 14.4.;

Exhibit D. D'Amour et al., *Kidney International*, 68:998-1007 (2005);

Exhibit E. Colford *et al.*, Endocrine Society 79th Annual Meeting 1997, pages IMU-3282 to IMU-3297 (Colford);

Exhibit F Colford et al., The Endocrine Society, Program & Abstracts, 79th Annual Meeting, June 11-14, 1997, Minneapolis Minnesota, and entitled "Isolation and Characterization of Large Molecular Weight Fragments of PTH" (1997 Colford Abstract);

Exhibit G Todd Jensen, Jon Spring, and John Colford, entitled "Comparing Specificity for Intact Human Parathyroid Hormone between INCSTAR PTH SP and NICHOLS INTACT PTH ASSAYS" (Jensen 1996 Poster);

Exhibit H A copy of Declaration of John Colford submitted in the reexamination of the parent patent U.S. Patent No. 6,689,566 B1 (Reexam Control Nos. 90/007,685 and 90/007,732); and

Exhibit I Gao et al., *J. Bone Miner. Res.*, 16(4):605-14 (2001).

Amendments to the Specification begin on page 4 of this paper.

Amendments to the Claims are reflected in the listing of claims which begins on page 5 of this paper.

Amendments to the Drawings begin on page 12 of this paper.

Remarks/Arguments begin on page 13 of this paper.